



ITT FLYGT SEAL SELECTION CHART

Key to seal classification system

Max pressure in bar

U = Unbalanced
B = Balanced

Shaft diameter in mm

XXXX XXXXXX XXXXX

U = Uncovered spring
S = Semicovered spring
C = Covered spring

S = Stationary spring
R = Rotating spring

S = Single coil spring
M = Multiple coil spring
W = Washer spring

Max temperature

S = 40 C
M = 70 C
W = 90 C

Material in rotating ring

Material in stationary ring

Material in secondary seal

Material in spring

Material in other parts

U = Unalloyed steel/Cast iron
S = AISI 302/304
H = AISI 316/329
B = Bronze
P = Plastic

N = Nitrile rubber (NBR)
H = Hydrogenated NBR (HNBR)
F = Flourated rubber (FPM)
P = Perfluor rubber (Kalrez)

W = Cemented carbide (WCCo)
**R = Corrosion resistant
Cemented carbide (WCCR)**
S = Silicon carbide (RSiC)
A = Aluminium oxide (Al₂O₃)
C = Carbon (CSb)

PUMP	OUTER SEAL			INNER SEAL		
	CODE TYPE	PART NO	TYPE	CODE	PART NO	
2004	URSS 012U05 SSNSN	83 91 16	B	URSS 012U01 CANSN	83 91 15	B
2008	URSS 012U05 SSNSN	83 91 16	B	URSS 012U01 CANSN	83 91 15	B
2012	URSS 012U05 SSNSN	83 91 16	B	URSS 012U01 CANSN	83 91 15	B
2016	CSWM 020U10 RAFSP	641 24 03	P	URSM 020U06 RAFSP	-	P
2024	CSWM 020U10 RAFSP	641 24 03	P	URSM 020U06 RAFSP	-	P
2040	URSM 022U10 RRNSP	399 26 05	B	URSM 022U10 CRNSP	399 26 04	B
2051.080	URSM 018U06 ARNSS	373 16 03	O	URSM 018U01 ACNSS	-	O
2052	URSM 015U06 ARNSS	277 67 02	O	URSM 015U01 ARNSS	-	O
2056	URSM 022U10 RRNSP	399 26 05	B	URSM 022U10 CRNSP	399 26 05	B
2060	URSW 020U06 ARFSH	387 21 07	O	URSM 020U06 ACFSH	387 21 01	O
	URSW 020U06 AAFSH	387 21 02	O			
	URSW 020U10 SSFSH	387 21 05	O			
2066	URSM 020U10RRNSP	219 35 33	B	URSM 020U10 RRNSP	219 35 30	B
2071	URSM 022U10 RRNSP	399 26 05	B	URSM 022U10 RRNSP	399 26 05	B
2075	URSM 020U10 RRNSB	219 35 28	B	URSM 020U10 RRNSP	219 35 30	B
	URSW 020U10 RRFBS	219 35 29	B			
2076	URSM 020U10 RRNSB	219 35 28	B	URSM 020U10 RRNSP	219 35 30	B
	URSW 020U10 RRFBS	219 35 29	B			
2090	URSM 028U10 RRNSP	501 38 06	B	URSM 028U10 RRNSP	501 38 06	B
2102.040	URSM 022U10 RRNSP	399 26 00	B	URSM 022U10 RRNSP	399 26 00	B
2102.041	URSM 022U10 RRNSP	399 26 05	B	URSM 022U10 RRNSP	399 26 05	
210 220						
2084	SRMW 035B20 RRFSS	517 73 01	S	URSM 035U10 RRNSP	515 67 01	B
2135	SRMW 035B20 RRFSS	517 73 01	S	URSM 035U10 RRNSP	515 67 01	B
2125 /2140	URSM 028U10 RRNSP	501 38 06	B	URSM 028U10 RRNSP	501 38 06	B
2151.010	SSMM 035B16 RRNSS	302 24 03	S	URSM 035U10 RRNSP	515 67 01	B
2151.011	SRMW 035B20 RRFSS	517 73 01	S	URSM 035U10 RRNSP	515 67 01	B
.050						
2201.011	CRSM 035B10 RRNSS	586 74 00	T	URMW 045U10 RRFSP	640 63 00	M
	CRSW 035B10 SSFSS	586 74 01	T			

2201.320	CRSM 035B10 RRNSS	586 74 00	T	URMM 045U06 RRNSP	371 54 03	M
480 .590 .690	CRSW 035B10 SSFSS	586 74 01	T			
2250	URMW 060U10 RRFSSB	288 10 06	M	URMM 060U06 RRNSB	683 14 00	M
2290	URMW 060U10 RRFSSB	288 10 06	M	URMM 060U06 RRNSB	683 14 00	M
2400	SSMW 060B10 RRFSSH	384 03 02	S	URMM 060U06 RRNSB	683 14 00	M
2670	CSW W 035U10 RRFSSH	641 50 00	P	URMW 035U06 RRFSP	-	
	CSW W 035U10 SSFSSH	641 50 01	P	URMW 035U06 RRFSP	-	

PUMP

OUTER SEAL

INNER SEAL

	CODE TYPE	PART NO	TYPE	CODE	PART NO	
3041.281	URSW 020U10 SSFSSH	387 21 05	O	URSW 020U06 ACFSSH	387 21 01	O
	URSM 020U06 AAFSSH	387 21 02	O	URSM 020U06 AAFSSH	387 21 02	O
	URSW 020U06 ARFSSH	387 21 07	O	URSW 020U10 SSFSSH	387 21 05	O
				URSW 020U06 ARFSSH	387 21 07	O
3045	URSS 012U05 SSNSN	839119	B	URSS 012U01 CANSN	839118	B
3057.180	URSW 020U10 RRFSP	593 75 05	O	URSW 020U06 ACFSP	593 75 02	O
	URSW 020U10 RAFSP	593 75 06	O	URSW 020U10 RRFSP	593 75 05	O
	URSW 020U10 RRPSP	593 75 30	O	URSW 020U10 RAFSP	593 75 06	O
3057.090 .690	CRW W 020B06 SSFSSH	476 27 06	E	URSW 020U06 ACFSP	593 75 02	O
	CRW M 020B06 RRFSSN	476 27 09	E	URW W 020U10 RRFSP	593 75 05	O
				URSW 020U10 RAFSP	593 75 06	O
3060	URSM 020U06 AAFSSH	387 21 02	O	URSW 020U06 ACFSSH	387 21 01	O
	URSW 020U10 SSFSSH	387 21 05	O	URSW 020U10 SSFSSH	387 21 05	O
	URSW 020U06 ARFSSH	387 21 07	O	URSW 020U06 ARFSSH	387 21 07	O
3066,3067, 3085	URSW 020U10 RRFSP	593 75 05 ****	O	URSW 020U 06 ACFSP	593 75 02	O
	URSW 020U10 RAFSP	593 75 06 ****	O	URSW 020U10 RRFSP	593 75 05	O
	URSW 020U10 RRPSP	593 75 30 ****	O	URSW 020U10 RAFSP	593 75 06	O
	CRW W 020B06 SSFSSH	476 27 06 *	E			
	CRW W 020B06 SSFSSH	476 27 08 **	E			
	CRW M 020B06 RRFSSN	476 27 09 *	E			
	CRW M 020B06 RRFSSN	476 27 10 **	E			
3068	URSW 020U10 RRFSP	593 75 05	O	URSW 020U06 ACFSP	593 75 02	O
	URSW 020U10 RAFSP	593 75 06	O	URSW 020U10 RRFSP	593 75 05	O
	URSW 020U10 RRPSP	593 75 30	O	URSW 020U10 RAFSP	593 75 06	O
3075/3076	CRW W 020B06 SSFSSH	476 27 06	E	URSW 020U06 ACFSP	593 75 02	O
	CRW M 020B06 RRFSSN	476 27 09	E	URSW 020U10 RRFSP	593 75 05	O
				URSW 020U10 RAFSP	593 75 06	O
3080	URSM 020U06 RRNSR	219 35 28	B	URSM 020U06 CRNSP	219 35 30	O
3102	URSW 025U10 RAFSP	592 01 06	O	URSW 025U06 RAFSP	592 01 08	O

	URSW 025U10 RRFHP	592 01 04	O	URSW 025U10 RRFSP	592 01 03	O
3126.280	SRSW 035U10 SSFSH	429 21 04	I	URSM 035U10 RRNNP	515 67 01	B
290						
3127	URSW 035U10 RRFSS	593 70 03	O	URSW 035U10 RRFSS	593 70 03	O
	URSW 035U10 RRPSP	593 70 05 S	O	URSW 035U06 RAFSP	593 70 06	O
	URSW 035U06 RAFSP	593 70 06	O			
	SRSW 035U10 SSFSH	429 21 04	I			
	SRSW 035B16 RRFSS	549 07 01 ***	T			

* Requires sealholder 491 83 00

** Including sealholder 491 83 00

*** Requires oilhouse bottom 604 47 01

**** Requires sealholder 426 32 00

PUMP	OUTER SEAL			INNER SEAL		
	CODE TYPE	PART NO	TYPE	CODE	PART NO	
3140 /3152	SSMW 045U10 RRFSS	384 00 09	S	URMW 045U10 RRFSP	640 63 00	M
	SRSW 045B16 SSHSH	577 51 02*	T			
	SRSW 045B16 RRP SH	577 51 03*	T			
3153	CSW W 035U10 RRF SH	641 50 00	P	URMW 035U06 RRFSP	-	
	CSW W 035U10 SSF SH	641 50 01	P	URMW 035U06 RAFSP	-	
	CSW W 035U10 RRP SH	641 50 04	P	URMW 035U06 RRFSP	-	
3171	CSW W 045U10 RRF SH	619 64 00	P	URMW 045U10 RRFSP	-	
	CSW W 045U10 SSF SH	619 64 01	P	URMW 045U10 RRFSP	-	
3170 /3201	SSMW 060U10 RRH SH	384 03 07	S	URMW 060U10 RRF SB	683 14 00	M
	SSMW 060B06 SSF SH	534 33 00 **	S			
3202	CSW W 060U10 RRF SH	631 37 00	P	URMW 060U10 RRF SP	-	
	CSW W 060U10 SSF SH	631 37 01	P	URMW 060U10 RRF SP	-	
3300	SSMM 080U10 RRF SH	337 79 11	S	URMM 090U06 RRF SS	617 99 01	M
	SSMW 080B16 SSF SH	479 95 10 **	S			
	SSMW 080B16 RRF SH	479 95 11 **	S			
3300.280	SSMW 080B10 RRF SH	337 79 13	S	URMM 090U06 RRF SS	617 99 01	M
	SSMW 080B16 SSF SH	479 95 00 **	S			
3301	CSW W 080U10 RRF SH	641 70 00	P	URMW 090U10 RRF SP	-	
	CSW W 080U10 SSF SH	641 70 01	P	URMW 090U10 RRF SP	-	

* Require bck washer 655 66 00

** incl spring plate

3001 LARGE PUMPSOLD MOTOR UNITS

MOTOR	OUTER SEAL			INNER SEAL		
	CODE TYPE	PART NO	TYPE	CODE	PART NO	
720,721	SSMM 080U10 RRNSH	337 79 11	S	URMM 090U06 RRFSS	617 99 01	M
749	SSMW 080B10 SSFSH	479 95 10 *	S			
	SSMW 080B16 RRFSS	479 95 11 *	S			
760,770	SSMM 080U10 RRFSS	337 79 13	S	URMM 090U06 RRFSS	617 99 01	M
	SSMW 080B10 SSFSH	479 95 00 *	S	Only with stainless shaft		
820,840	URMS 120U05 RRNSS	370 66 02	M	URMM 090U06 RRFSS	617 99 01	M
841,860	SRMM 120B10 RRNSH	587 28 01	T			
880,881						
900						
911,920	CRMS 150B10 RRNH	556 60 00	M	URMS 120U05 RRNSH	-	M
941						

NEW MOTOR UNITS (Ver1 and Ver2 are not interchangeable)

MOTOR/ SHAFT END DIAMETER	OUTER SEAL			INNER SEAL		
	CODE TYPE	PART NO	TYPE	CODE	PART NO	
680/70 & 700/70	SSMW 080B10 RRNSH	337 79 11	S	URMM 090U06 RRFSS	617 99 01	M
	SRMW 080B10 RRHSH	586 12 04	T			
700/75 Ver1	URMS 120U05 RRNSS	370 66 02	M	URMM 090U06 RRFSS	617 99 01	M
	SRMM 120B10 RRNSH	587 28 01	T			
Ver2	SRMW 090B10 RRHSH	578 58 01	T	URMM 090U06 RRFSS	617 99 01	M
800/90 Ver1	URMS 120U05 RRNSS	370 66 02	M	URMM 105U06 RRNSS	559 80 00	M
& 900/90	SRMM 120B10 RRNSH	587 28 01	T			
Ver2	SRMM 105B10 RRNSH	585 26 01	T	URMM 105U06 RRNSS	559 80 00	M
900/110	CRMS 150B10 RRNH	556 60 00	M	URMS 120U05 RRNSH	-	M

* incl spring plate

MKER	OUTER SEAL			INNER SEAL		
	CODE TYPE	PART NO	TYPE	CODE	PART NO	
4351	CRWM 020B06 RRNSN	476 27 09	E	URSW 020U06 ACFSP	593 75 02	O
	CRWW 020B06 SSFSN	476 27 06	E	URSW 020U10 RRFSP	593 75 05	O
	CRWM 020B06 RRNSN	476 27 10 *	E	URSW 020U10 RAFSP	593 75 06	O
	CRWW 020B06 SSFSN	476 27 08 *	E			
4352	CRWM 020B06 RRNSN	476 27 09	E	URSW 020U06 ACFSP	593 75 02	O
	CRWW 020B06 SSFSN	476 27 06	E	URSW 020U10 RRFSP	593 75 05	O
				URSW 020U10 RAFSP	593 75 06	O
4400	CRWM 020B06 RRNSN	476 27 09	E	URSW 020U06 ACFSP	593 75 02	O
	CRWW 020B06 SSFSN	476 27 06	E	URSW 020U10 RRFSP	593 75 05	O
	CRWM 020B06 RRNSN	476 27 10 *	E	URSW 020U10 RAFSP	593 75 06	O
	CRWW 020B06 SSFSN	476 27 08 *	E			
4410 /4430	SSMW 060B10 RRNSH	384 03 07	S	Lipseal 35x52x7 FPM	82 85 66	
				Lipseal 70x110x8 NBR	82 85 52	
				Lipseal 70x110x8 FPM	82 85 53	
4440.010 .090	SRSW 035B16 RRFSS	549 07 01	T	Lipseal 35x60x10 NBR	82 85 56	
				URSW 035U06 CAFSP	593 70 01	O
				URSW 035U10 RRFSS	593 70 03	O
4440.110	SRSW 035U10 SSFSH	429 21 05	I	Lipseal 35x60x10 NBR	82 85 56	
				URSW 035U06 CAFSP	593 70 01	O
				URSW 035U10 RRFSS	593 70 03	O
4451	SSSW 035B10 RRFSS	561 83 01	S	Lipseal 55x80x8 FPM	82 87 22	
		561 83 02	S			
Conversion kit: 553 09 00 to change from 429 21 05 seal to 561 83 0X seal						
	SRSW 035U10 SSFSH	429 21 05	I	(Only as spare part to older 4451)		
4501	SSSW 045B10 RRNS	384 00 09	S	Lipseal 60x90x10 FPM	82 88 06	(3x)
4501.210	SSSW 045B06 RRFSS	538 22 00 *	S	Lipseal 60x90x10 FPM	82 88 06	(3x)
	SSSW 045B06 SSFS	538 22 10 *	S	Lipseal 55x80x8 FPM	82 87 21	(3x)
	SSSW 045B06 RRFSS	538 22 01	S			
	SSSW 045B06 SSFS	538 22 20	S			

* including sealholder 491 83 00

** incl Spring plate

MKER	OUTER SEAL			INNER SEAL		
	CODE TYPE	PART NO	TYPE	CODE	PART NO	
4610/4620	CSW W 020U10 SSFSP	641 24 01	P	URMW 020U10 RAFSP	-	
	CSW W 020U10 RRFSP	641 24 03	P	URMM 020U10 RAFSP	-	
4630 /4640	CSW W 025U10 SSFSP	641 30 01	P	URSW 020U06 RAFSP	-	
	CSW W 025U10 RRFSP	641 30 03	P	URSW 020U06 RAFSP	-	
4650 /4660	CSMW 045U10 RRFSP	619 64 00 □	P	CRMW 045U10 RRFSP	-	
	CSMW 045U10 SSFSP	619 64 00 □	P	CRMW 045U10 RRFSP	-	
	SSSW 045B06 RRHSS	384 00 09 □□	S	URMW 045U10 RRFSP	640 63 00	M
	SRSW 045B16 SSHSH	577 51 02 □□□	T	Lipseal 455x68x12 NBR	82 85 57	
4670 /4680	CSMW 060U10 RRFSP	631 37 00 +	P	CRMW 060U10 RRFSP	-	
	CSMW 060U10 SSFSP	631 37 00 +	P	CRMW 060U10 RRFSP	-	
	SSSW 060B06 RRHSS	384 03 07 ++	S	URMW 060U10 RRFSP	683 14 00	M
	SRSW 060B10 RRHSH	576 65 01 +++	T	Lipseal 60x85x10 NBR	82 85 59	
	SRSW 060B10 SSHSH	576 65 02 +++	T			

□ require sealholder 646 96 XX

□□ require sealholder 579 39 XX

□□□ require sealholder 582 18 XX

+ require sealholder 649 91 XX

++ require sealholder 579 40 XX

+++ require sealholder 582 21 XX

PUMP	OUTER SEAL			INNER SEAL		
	CODE TYPE	PART NO	TYPE	CODE	PART NO	
5510	CRW M 020B06 RRFSP	476 27 09	E	URW W 020U10 RRFSP	593 75 05	O
	CRW M 020B06 SSFSP	476 27 06	E			
5520	SRSW 025B16 RRFSS	544 30 01	T	URSW 025U10 RRFSP	592 01 05	O
	SRSW 025B16 SSFSS	544 30 02	T			
5530	SRSW 035B16 RRFSS	549 07 01	T	URSW 035U10 RRFSS	593 70 03	O

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5540,5100	SRSW 045B16 RRFSS	549 20 01	T	URMW 045U10 RRFSP	640 63 00	M
5550	SRSW 060B10 RRHSH	576 65 01	T	URMW 060U10 RRFSE	683 14 00	M
	SRSW 060B10 SSFSH	576 65 02	T			
5560	SRMW 080B10 RRHSH	586 12 04	T	URMM 090U06 RRFSS	617 99 01	M

7000 PROPELLER PUMPS & TURBINESOLD MOTOR UNITS

MOTOR	OUTER SEAL			INNER SEAL		
	CODE TYPE	PART NO	TYPE	CODE	PART NO	
600	SSMM 060U10 RRNSH	384 03 07	S	URMW 060U10 RRFSS	683 14 00	M
	SSMW 060U10 SSFSS	534 33 00	S			
680	SSMW 080U10 RRFSS	337 79 11	S	URMM 090U06 RRFSS	617 99 01	M
	SSMW 080B16 SSFSS	479 95 10 *	S			
	SSMW 080B16 RRFSS	479 95 11 *	S			
760,770	SSMW 080U10 RRFSS	337 79 13	S	URMM 090U06 RRFSS	617 99 01	M
	SSMW 080B16 SSFSS	479 95 00 *	S	Only with stainless shaft		
820,841	URMS 120U04 RRNSS	370 66 02	M	URMM 090U06 RRFSS	617 99 01	M
860,881	SRMS 120B06 RRNSH	587 28 01	T			
900,930						

NEW MOTOR UNITS (Ver1 and Ver2 are not interchangeable)

MOTOR/ SHAFT END DIAMETER	OUTER SEAL			INNER SEAL			
	CODE TYPE	PART NO	TYPE	CODE	PART NO		
680/70 & 700/70	SSMM 080U06 RRFSS	337 79 11	S	URMM 090U06 RRNSS	617 99 01	M	
	SRMS 080B06 RRHSH	586 12 01	T				
700/75 Ver1	URMS 120U05 RRNSS	370 66 02	M	URMM 090U06 RRFSS	617 99 01	M	
	SRMS 120B06 RRNSH	587 28 01	T				
	Ver2	SRMS 090B06 RRNSH	578 58 01	T	URMM 090U06 RRFSS	617 99 01	M
800/90 900/90	Ver1	URMS 120U05 RRNSS	370 66 02	M	URMM 105U06 RRNSS	559 80 00	M
		SRMS 120B06 RRNSH	587 28 01	T			
	Ver2	SRMS 105B06 RRNSH	585 26 01	T	URMM 105U06 WWNSS	559 80 00	M
900/110	CRMS 150B10 RRNHH	556 60 00	M	URMS 120U05 RRNHS	-	M	

* incl spring plate

GEARED PROPELLER PUMPS 7100, 7120 AND 7140GEARED TURBINES 7585, 7600, 7620, 7650

GEAR	OUTER SEAL		INNER SEAL			
	CODE TYPE	PART NO	TYPE	CODE	PART NO	
350-1X & 360-1X	CRMS 150B10 RRNHH	556 60 00	M	URMS 120U05 RRNHS	-	M
350-2X & 360-2X	URMS 180U04 RRNHS	433 74 01	M	URMS 150U04 RRNHS	-	M

Any number in X position